1324

PROFLEGAT INSPECTION

ARTICLE NO. 192	TE 12 1609	The second is
NOSE SECTION:	MECH.	INSP.
1. Plastic nose & windows free of cracks & secure.	903	
2. ARN/6 boot for condition & closed, ARN/6 and compass second	are.	Nydogoniya (1881-1984) a sana a sayaa (1884) a sana a sayaa (1884) a sana a sayaa (1884) a sana a sana a sayaa
3. Brake fluid for proper level & cap secure.	46	Specific and Street printing of a control in sec.
4. Cabin pressure test fitting secure.	REST	ingi mip nipugi minip inga mga mata na da sandinga mata maga
5. Pitot clean & secure, check AIRSPEED.	men	
6. Nose section clean & OK to close panel.	295	
7. Access panel installed.	REB	
8. All items cleared. CREW CHIEF:	SET	
COCKPIT EXTERNAL:		
1. Static holes all open.	MEM	na madan dan sameren erre e
2. Canopy external handle secure.	KFB	Parameter are relative design relative to their approximations
3. Lower antenna secure.	man	Magaliga o Apope Naji cerculate servet n
4. Windshield & canopy glass cleanliness & condition.	8H	
5. All items cleared. CREW CHIEF:	John	
COCKPIT INTERNAL:		
1. Canopy antenna connection secure.	NR	Magagadha an ann an ann an an an an an an an an
2. Canopy emergency release handle locked & safetied (020 copper wire).	X68	Anna de Impulso Proposito de Carlo de C
3. Canopy for proper latching with aft hatch installed.	1200	. 1
4. Canopy seal & connection for condition.	Xes	No Handing alleger and the search of the second of the
5. Brakes for solid feel.	XID	and an original state of the sufficient or an original state or an original state of the sufficient or an original state original state or an original state or an original state origi
6. Rudder pedals for freedom & operation of adjustment.	XXO	Malle Mar della politica escreta della consula della consula della consula della consula della consula della c
7. Elevator for operation & freedom.	KIB	The artificial of the special sector is a sector
8, Aileron for operation & freedom,	XTX	Manager to a contract of a page.
9. Elevator tab for operation & direction. Set to neutral,	mem	
10, Aileron tab for operation & direction. Set to neutral. Approved For Release 2000/04/19: CIA-RDP89B00551F	MBM	
Approved For Release 2000/04/19 : CIA-RDP89B00551F	R00010017001	2-9

COCKPIT INTERNAL: (Continued)	MOH.	ISSF.
11. Throttle for operation & friction look,	XB	
12. U.H.F.	20600	- Company ground Company of the Comp
13 & rag in map case.	SIB	nggagagan naga sana sana sana sanga sana san
14. Instruments for condition & cleanliness,	27.600	distriction and the second se
15. Autopilot:	MARI	
a. Power on.	MRM	
b. Inverter on.		
c. After 3 minutes turn autopilot on. (Stick should not move fore or aft.)		
d. Check roll trim knob for operation. Wheel should move approximately the same distance each direction.		
e. Check yaw trim knob for operation.		·
f. Check pitch trim knob for operation.		and the state of t
g. Check turn knob for operation.	4	And the second s
h. Overpower autopilot in all three axes. (Stick and rudder pedals should return smoothly to initial position)	
i. Center yaw and roll trim knobs.		
j. Inverter off.		error og gjerne med statet for te te te er er er te er
k. Power off.	MEM	
16. Circuit breakers set or into white line.	27/8/20)	-
17. Seat belt & shoulder straps for condition & operation.	KB	
18. Oxygen system checked out, system pressure 1800-200# cap installed, check out face heat.	R.	
19. Warning lights for operation.	SCN	alligume strummingus intelliga yberliliganilira — - rya
20. Emergency battery for operation, check voltage with precision meter.	mem	The second secon
21. Seat for condition & operation.	LIB	
22. Interior lights for operation & security.	W. San	and the second s
23. Cockpit floor cleaned.	825	THE PARTY OF THE P
24. All items cleared. CREW CHIEF:	80ch	neth in servingger light year i van de stelle stelle neth neuen i
The state of the s		

EQUIPMENT BAY:	MECH.	Types
1. Peacan drained, flushed & valve closed.	XFB	de la constitución de la constit
2. Cockpit regulators for cleanliness & condition.	668	ngganangan salahah sangan sa
3. Control cables for freedom, operation & turnbarrels safetie	·X+3	****
4. Equipment for security in hatch & bay.	men.	,
5. Lower hatch & seal for operation & condition of latching mechanism.	man	
6. OK to install lower hatch.	211500	Languistiffing days make 440 July Laterafye spready dry grow 1 high
7. Lower hatch installed, latched and safetied.	Son	opinios different i des republico de adminis reditre - , ;).
8. Check HF radio equipment for security.	NA	and the second s
9. Upper hatch latching mechanism for operations.	KAB	-
10. Pressure regulator safetied in flight position.	XII	
11. OK to install upper hatch.	misn	s Kandina Millioner anys, y maaninas der verbie ook die verse
12. Upper hatch installed, latched & safetied.	nuch	Market des sales and sales
13. All items cleared. CREW CHIEF:	don	
UPPER CROTCH BAY:		and the state of t
1. Heat exchanger duct connections for security.	KG 3	
2. Check for plumbing or anything riding structure.	X43	entillarium apolatura polaturum este estimating pale este este este este este este este es
3. OK to close access door.	Kis	
4. Access door closed & secure.	XIS	
5. All items cleared, CHREW CHIEF:	Span	na alakana makana makana a ma
ENGINE AIR DUCTS:		
1. R/H & L/H main ducts for cracks & cleanliness.	H	ne an anguige sea perimpya se digit berenda ne
2. R/H oil cooler duct for cracks & cleanliness.	413	naganas magajanas naganas na en a n desta con . As
3. Check inlet guide vanes, compressor rotor & stator blades for dents, nicks or other evidence that the engine has ingested foreign material.	XX	
4. Run up screens removed.	2421	ndanada hi suggi da manay su u u u da ada
5. All items cleared. CREW CHUET:	109h	

WING:	MEGE, TIME
1. R/H wing for condition & cover plates secured.	X 13
2. R/H aileron & tab for security & condition.	1863
3. R/H flap for security & condition.	KA
4. R/H fuel caps secured.	JC7
5. R/H wing fillets for conditions & security.	15 J
6. R/H pcgo installed & latched.	VCB
7. L/H wing for condition & cover plates secured.	LES .
8. L/H aileron & tab for security & condition.	XS
9. L/H flap for security & condition.	XED.
10. L/H fuel caps secured.	MAN
11. L/H wing fillets for condition & security.	LEB
12. L/H pogo installed & latched.	1871
13. L/H & R/H outboard fuel drain valves checked for water.	LAS
14. All items cleared. CREW CHIEF:	167
FUSELAGE	
1. External skin for condition.	LAB
2. Ejector for condition.	176
3. Dive flap (speed brakes) for condition & hydro leaks.	200
4. Engine mounts & tail pipe for security.	LEM
5. All cover plates secured on top of fuselage.	213
6. Tail pipe & turbine for cracks or evidence of foreign material passing through turbine.	List .
7. All items cleared. CREW CHIEF:	VE n
EMPENNAGE:	
1. Stabilizer for condition.	KAS -
2. Elevator & tab for condition & security.	SEES
3. Elevator tab for servo action.	See

EMPENNAGE: (Continued)	MECH.	I JUP
	410	· · · · · · · · · · · · · · · · · · ·
4. Vertical stabilizer for condition.	YNB	
5. Vent line open.	43	
6. Rudder for security & condition.	0/2	
7. Fillets for security & condition.	1/1/2/2	
8. All items cleared. CREW CHIEF:	17611	
TAIL GEAR:		
1. Doors for security.	195	
2. Tires for condition.	X4-55	
handrate for condition & security.	XRG	
and the cleanliness, proper pressure is 335	J. J	
psi extended or 3.75 inches compressed.		
5. Micro switch for security & condition.	140	
6. All items cleared. CREW CHIEF:	11/1/1	
MAIN GEAR & WELL:		
1. Door for security & condition.	R	
	AR.	
2. Control cables for condition, turnbarrels safetied.	AR.	
3. Uplock release cable & spring secure.		
4. Retract mechanism & cyl. for condition.	- TS:	
5. Strut for condition, proper pressure or height & cleanling Pressure 180 psi extended or 4.5 inches compressed.	355 AR.	
6. Brakes for clearance & freedom of leaks.		
7. Tires for condition & pressure, 240 lbs.	R.	
8. All items cleared. CREW CHIEF:	VEM	
ENGINE COMPARTMENT:		
and the conformation of th	AR.	
a a table transfor values open & safetied.	AR.	
	D	
3. Manual fuel shut off open & safetied.	A	
4. Main fuel strainer drained or checked for water.		

ENGINE COMPARTMENT: (Continued)	MFCH.	
5. Check accumulator pressure, 800 psi.	AR.	
6. Hydro Oil tank full.	AR	
7. Electrical plugs secure & safetied.	assan	en e
8. Fuel & oil lines secure & free of leaks.	AR.	and the second s
9. Dive flap shut off valve safetied open.	AR.	
10. Engine side plates installed.	AR.	And the second s
11. OK to install aft lower engine cover & drain lines,	IR.	
12. All items cleared, CREW CHIEF:	11/m	and the second s
SEXTANT:		
1. Lighting, DAY, NIGHT and OFF.		
2. AZIMUTH control movement, 360° both ways.	7 J	
3. HEADING control movement, four rotations.	<u>&</u>	
4. ELEVATION control movement, high and low, visibility of objects.	00	
5. Averager time.	2	
6. Bubble diameter.	W	
7. Average error.	1	in management are marked as a
8. Standard control settings.	6	
9. Light cone stowed. Cleanliness of optics.	1	·
10. Leave light switch in off position. Turn off rectifier and remove plug from ship.	5	- angagaga-atan dalam sagam menek. 43 en
11. All items cleared. CREW CHIEF:	gc In	
FINAL SIGN OFF:	A	
1. Install lower engine cover fwd. section.	14/3	and the same of
2. Remove pitot airspeed cover.	MRM	
3. Remove main & tail gear down lock pins.	140	en sap d'un dappastit permete en al en aptitible (
4. Install scissors pin in tail gear.	1943	

FINAL SIGN OFF: (Continued)	MECH.	INSP.
5. Fuel load 1335 Fuel added 10 32 Oil added 0		
Oil level 37 Oxygen 1800		
6. Ship released for flight De M Date 12 Nov 56		
Time 2700		
AIRCRAFT GENERAL:		-
1. Elect and radio pre flight,	LON	and the second s
2. Install and check special equipment.	DO9h	and administrative designs of the control of the co
3. Check destr. circuit.	NR	
4. Install and connect destr.	NR	described and speciment of the speciment
5. Install upper hatch.	10%	majorga polijekomo njejano nje od povezniko njeja njejaniko naje n
6. Pilot enter cockpit.	000	
7. Pilot check cockpit.	1671	: maa nagadaan ee oo
8. Start MA-2 on signal from pilot.	209h	
9. Start engine.	Len	
10, Disconnect MA-2	16%	
11. Close canopy.	11/1	lagge ta vicanisticação de la como integração de la composição de la compo
12. Pull gear pins.	100	And the second s
13. Pull chocks.		
14. Crew Chief signal all OK on outside for take-off.	WED	ny in commission and in State of the State o
15. Pick up Pogo's after take-off.	VEM)	and the second s
16. All items cleared. CREW CHTEF:	154	engaganismiy ugunaganigaddi ((((alianismi ana alia ((alianismi ana alia ((alianismi ana alianismi ana alianismi Ana alianismi ana alianismi ana ana ana ana ana alianismi ana ana alianismi ana ana ana ana ana ana ana ana an
AFTER LANDING:		espekty manifesty visiga var all ratherine de 1880 v. v. alde visiga v. v. est.
1. Install Pogo's.	100	
2. Tow aircraft to hangar.	Dem	neriginate e participate de la companya de la comp
3. Check with pilot to assure all discrepancies have been entered on 781-2.	an	
4. Correct discrepancies.	KA.	
5. All items cleared. CRIN CHING CHARDP89B00551R000	1001700	12-9

ENGINE RUN DATA

DATE // Nov. 56	TEST		ARTICLE_		_ OPERATIO	N
START 13:12	START		START		START	
STOP //3; 25						and a supplementary of the sup
						A Company of the Comp
TIME		·			hannen der	and the second s
RPM Idle 50 Max. 91-95	and and				-	
JET TEMP. Idle 200-300 Max. 500-580		'.			n a ay gyahanin biganan kirin sangingi	and the second s
FUEL PRESS. Idle 15-20 Max. 8-12					glana pagang spira y arappanjippa i s sta spira	e de la companya de l
START TOTALIZER	338					
END TOTALIZER	302				parameter all the control of the con	and the second section of the section o
ELAPSED TIME	13 min					and a second
LOADMETER .05-15	.05					
HYDRO, PRESS. 2800-3100	3000					anguninanghagas pangahaga sari katan dang peganahan
QIL PRESS. 40-50	42					
OIL TEMP. Idle 0-70 Max. 0-80					· .	and the second s
ENGINE COMP. TEMP.						and a supplementary of the sup
AFT FUEL. TEMP.						and the second s
PRESS. RATION 80% 1.2-1.6 Max. 2.2-2.5	1,32					
WING FLAPS	or	1				·
DIVE BRAKES	08					
GUST	OK					1

FOSTFLIGHT INSPECTION

MISSI	ON NUMBER 321 AIRCRAFT NUMBER 192 DATE 12 No. 1	y 56
*		MECH.
PREPA	RATION:	
1,	Fire extinguisher provided.	mem
2,	Landing gear downlock pins installed.	1911
3.	Wheels chocked.	43
4.	Auxiliary static ground installed.	100
5.	Dive flaps closed shutoff valve "OFF".	
6.	DD Form 781 for discrepancies.	1 The
7.	Switches "OFF",	195
8.	Necessary fairing, panels and access doors removed or opened; closed or reinstalled upon completion of the inspection,	100
9,	Dust excluder plugs and wing, empennage, canopy and pitot covers installed upon completion of the inspection.	
AIRFR	RAME (SYSTEM NO. 3)	
1.	Aircraft for cleanliness.	1194
2,	Wings, fuselage, empennage and control surfaces for damage; drain holes for obstruction.	
3.	Static ground wire for security and positive contact with ground.	A M
4.	Fairings, pannels, and doors for damage and insecurity.	11/11
5.	Battery area for evidence of leakage or overflow of electrolyte.	A part of the same
6.	Dive brakes track for cleanliness; flaps, tracks, and linkage for damage and insecurity; actuators, lines hoses, and connections for insecurity and evidence of leakage; lines and hoses for chatting and damage.	ZE
7.	Windshield and canopy for cleanliness, distortion, nicks, crazing, cracks, and scratches.	
8.	All required Postflight entries made in applicable forms,	1137
9.	Shoulder harnesses and safety belts for cleanliness.	W/ Th
LAND	ING GEAR (SYSTEM NO. 4)	and the state of t
1.	Landing gear and wheels for damage and free of mud, grass and Approved For Release 2000/04/19: CIA-RDP89B00551R000100170	0012-9

		MECH.
2.	Shock struts for evidence of leakage; polished surfaces of shock struts and hydraulic pistons cleaned with cloth moistened in hydraulic fluid.	A. M.
3.	Microswitches for cleanliness, damage, and insecurity.	1 January
4.	Doors and actuating mechanism for damage, insecurity and evidence of improper adjustment.	162
5.	Wheels for evidence of overheating in area adjacent to brakes.	2 Jan 19
6.	Tires for uneven wear, cuts or blisters; free of grease or oil; slippage marks for misalignment.	200
7.	Accessible brake lines, hoses, connections and components for leakage with parking brake.	N.A.
8.	Accessible components, lines, hoses and connections for insecurity and evidence of leakage; lines and hoses for chaffing and damage.	11
9.	Brake system reservoir for required fluid level; filler plug for security.	
HYDRA	ULIC PNEUMATIC (SYSTEM NO. 5)	
1.	Accessible components, lines, hoses, and connections for in- security and evidence of leakage; lines and hoses for chaffing and damage.	
UTILI	TY (SYSTEM NO. 6)	
1.	Oxygen system and components:	110m
	a. Recharge to 1850 psi.	Ach
	b. Regulator for steady flow by turning the pressure control knob about 90 degrees clockwise.	NA
	c. Regulator system for leakage by ensuring that there is no audible escape of oxygen with diluter in "100% OXYGEN".	PE
	d. Regulator diaphragm and mask-to-regulator tubing for leakage when a slight pressure is applied at the open end of the mask-to-regulator tube by blowing gently with diluter lever set at "100% OXYGEN"; set regulator diluter at "NORMAL OXYGEN" upon completion of tests.	PE
	e. Hose from regulators for tears, holes, kinks and insecurity.	P from
	f. Knurled coller and hose on regulator outlet elbows properly tightened (point to suit user's convenience).	11/2
	g. Flow indicators for operation. (With regulator set at "100% OXYGEN", blinker should move freely with each normal breath Approved For Refease 2000/04/9: CIA-RDP89B00551R000100170	NA
-	Approved For Release 2000/04Prs . CIA-RDP03B00031R0001001/0	7∪1∠- 3

MECH

POWER PLANT (SYSTEM NO. 7)	
1. Exhaust cone for soot swirls and heat streaks indicating faulty fuel nozzles. (If found, inspect inner liners, nozzles and dom	nes).
2. Turbine wheel for broken buckets.	1/5/4
3. Buckets for nicks and dents beyond specified tolerance.	157
4. Nozzle diaphragm blades for damage.	100
5. Engine for evidence of leakage; loose or missing nuts, bolts, studs, or clamps; proper safetying where required.	
6. Diaphragm and air seal assemblies for cracks and insecurity.	
ruel (System no. 8)	17 m c 1
1. Exterior of aircraft for evidence of leakage.	1014
2. Tanks serviced; tank filler necks and cap seals for damage or excessive wear; caps for proper seating.	
OIL (SYSTEM NO. 9)	183 50
1. Engine reservoir for required servicing; filler cap for securi	ty.
2. Exterior of fuselage for evidence of leakage.	- ACC
 System components, lines, and hoses for damage; lines and hose for chafing. 	35
AIR INDUCTION AND EXHAUST (SYSTEM NO. 11)	
1. Air intake ducts for damage and foreign material.	
2. Tailpipe for cracks and distortion beyond permissible limits; tailpipe clamp and blankets for damage and insecurity.	
ELECTRICAL (SYSTEM NO. 14)	
1. Spare lamps and fuses available in holders.	
INSTRUMENTS (SYSTEM NO. 15)	
1. Pitot head and static plates for damage and insecurity.	
2. Instruments, panels and brackets for damage and insecurity.	A Contraction
3. Instrument cover glasses for cleanliness, cracks, and loosene range, slippage and limit markings intact.	ess;
4. Standby compasses for discoloration of fluid and evidence of bubbles. Approved For Release 2000/04/19: CIA-RDP89B00551R00010	00170012-9

		MECH
5.	Thermocouple leads for damage and insecurity.	100
6.	Autopilot:	memi
	a. Power on.	mem
er hate stage of modelling the stage of the	b. Inverter on.	mani
	c. After 3 minutes turn autopilot on. (Stick should not move fore or aft.)	mem
	d. Check roll trim knob for operation. Wheel should move approximately the same distance each direction.	mgon
	e. Check yaw trim knob for operation.	131500
	f. Check pitch trim knob for operation.	men
	g. Check turn knob for operation.	-7775
de la constituida del constituida de la constitu	h. Overpower autopilot in all three axes. (Stick and rudder pedals should return smoothly to initial position.)	moza
	i. Center yaw and roll trim knobs.	2152
	j. Inverter off.	- MARIN
	k. Power off.	111160
R & R	(SYSTEM NO. 16)	
1.	Visually inspect the following items;	
	a. Antenna lead-in for damaged insulators, proper spacing from surrounding objects, and insecurity of connections.	
	b. Plugs for proper insertion in jacks and receptacles.	
	c. Junction boxes and covers for damage.	
	d. Headset and microphone cordage and plugs for damage and proper stowage.	
		and a second

REMARKS:

25X1A

SIGNATURE